

FIG 1

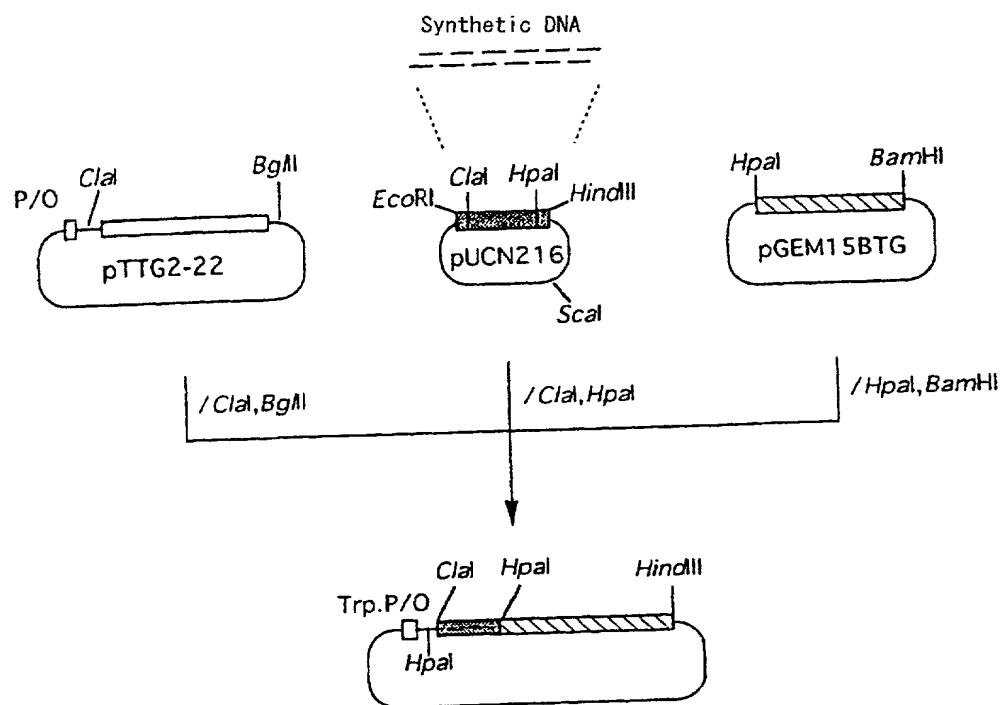


FIG 3

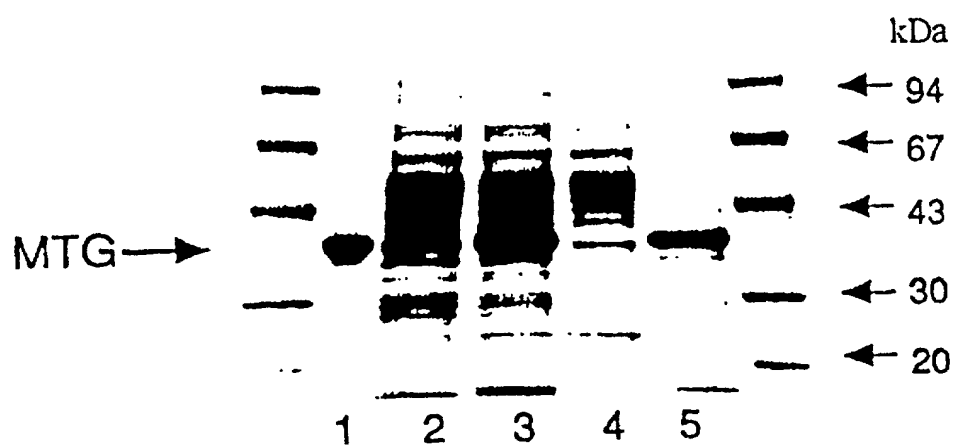


FIG 4

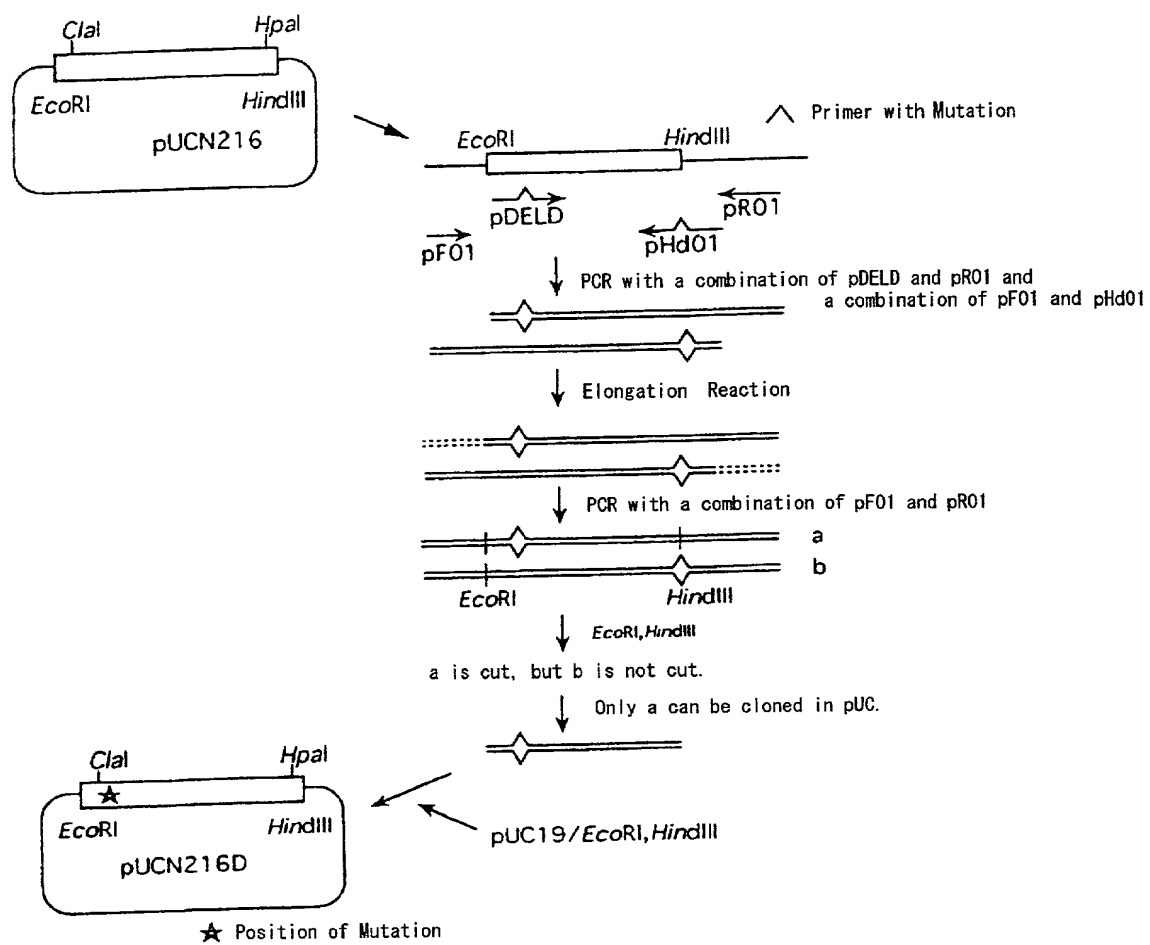


FIG 5

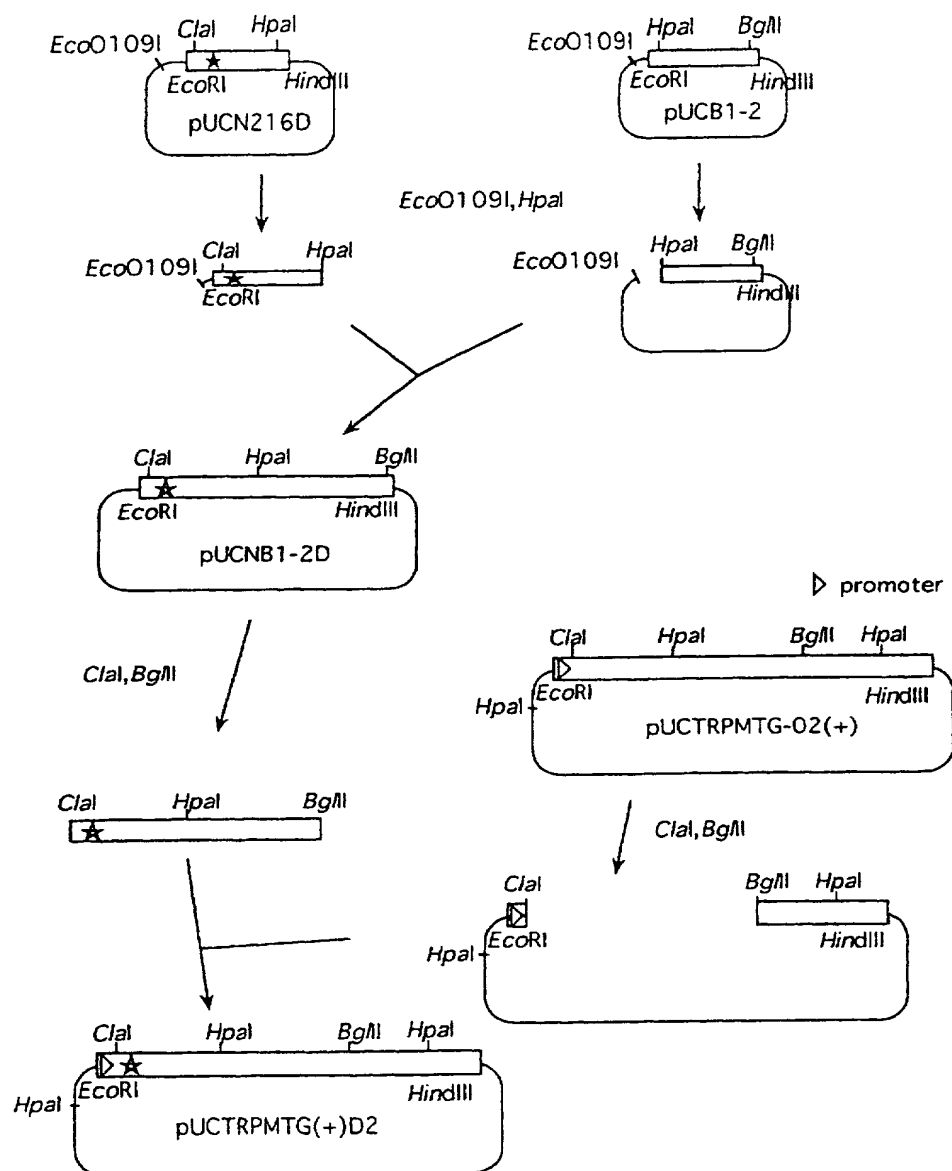


FIG 6

pUCTRPMTG(+)02 : ...TTTAAATGGATTCTGACGAT...

M D S D D

pUCTRPMTG(+)D2 : ...TTTAAATG---TCTGACGAT...

M S D D

Natural-type MTG : D S D D

- is a deleted base

FIG 7

MTG in pUCTRPMTG(+)D2 : SDDRV

For reference

Natural -type MTG : DSDDRV

MTG in pUCTRPMTG(+)02 : MDSDDRV

FIG 8

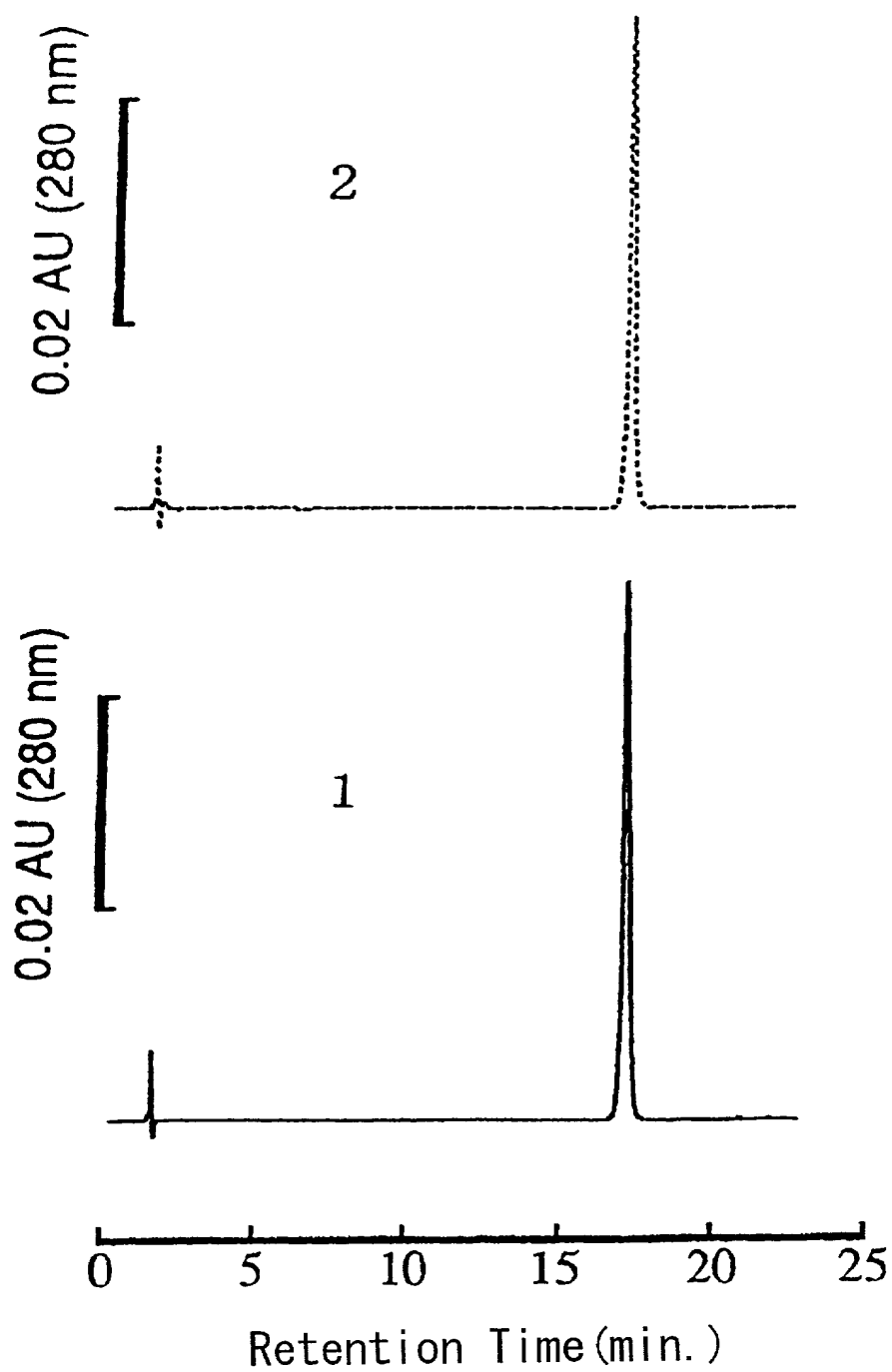


FIG 9

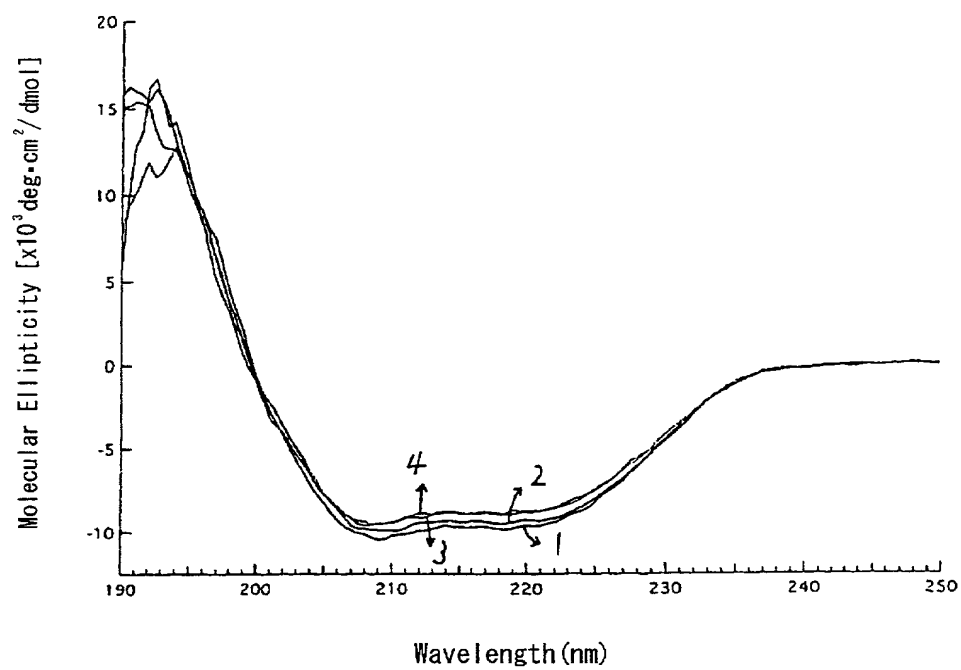


FIG 10

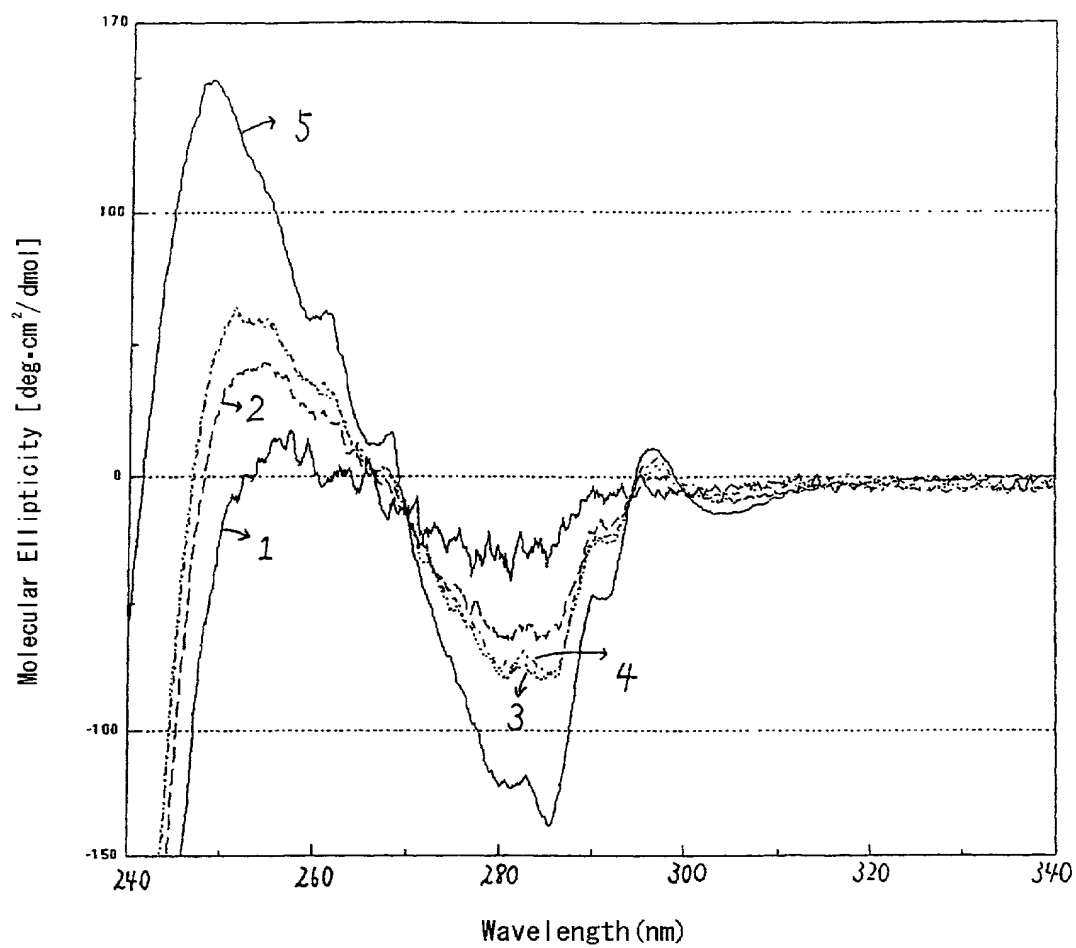


FIG 11

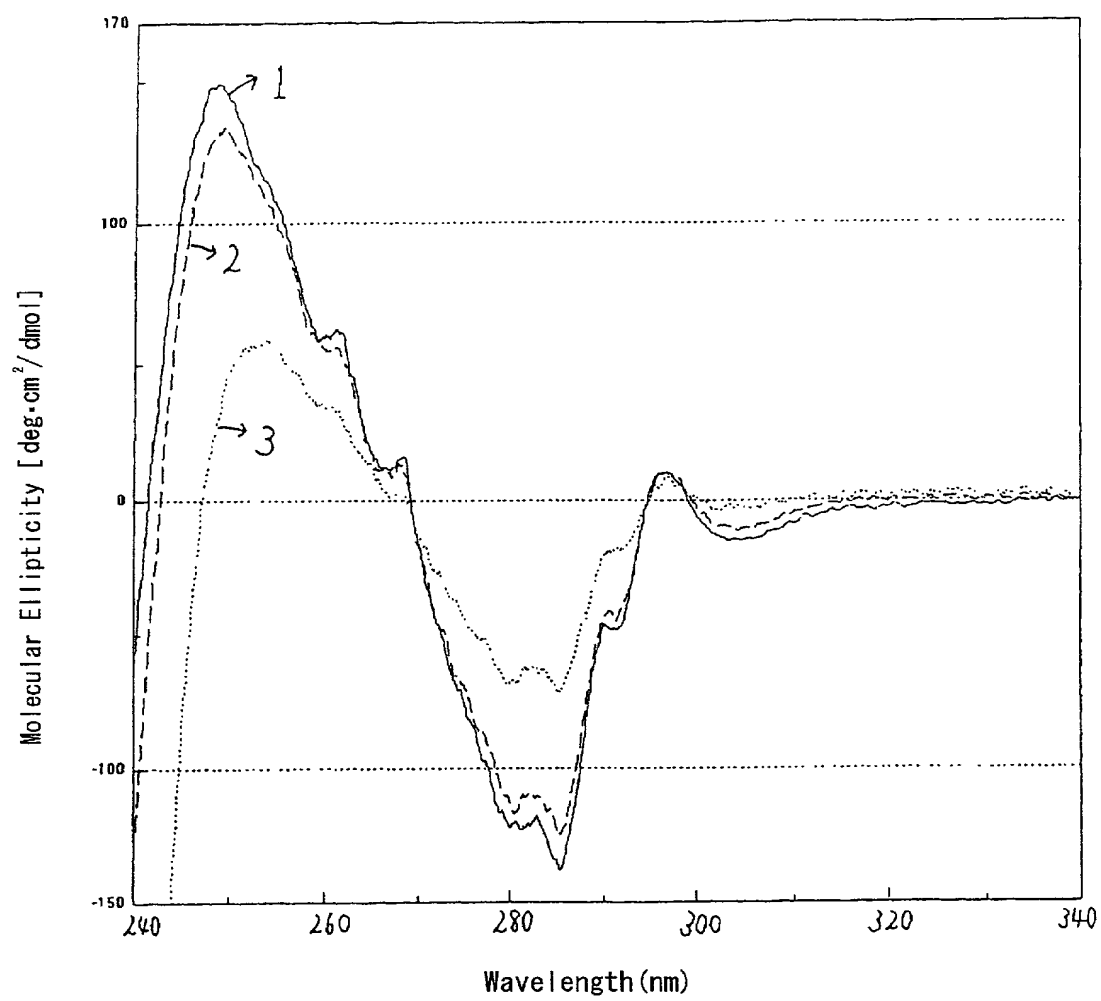


FIG 12

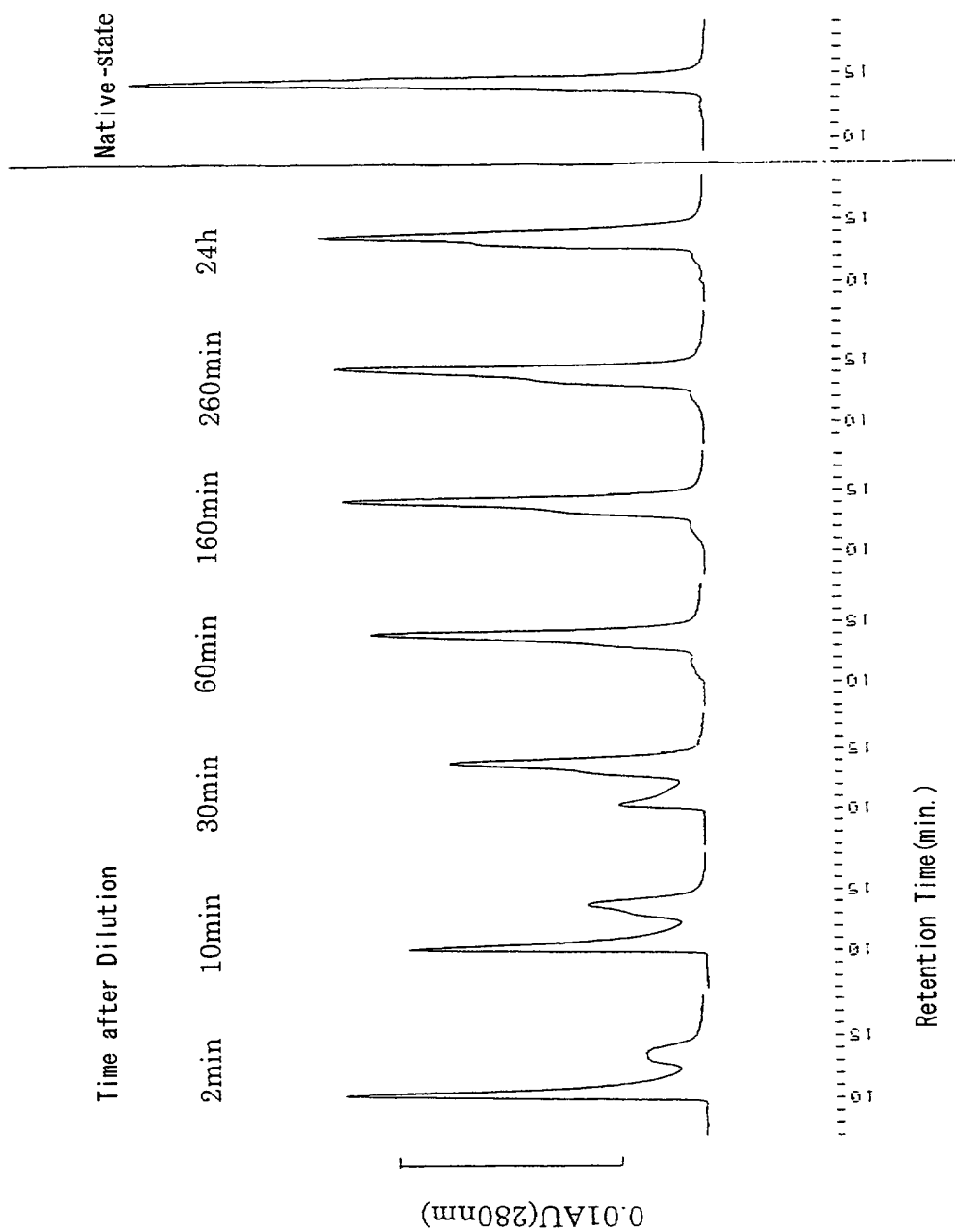
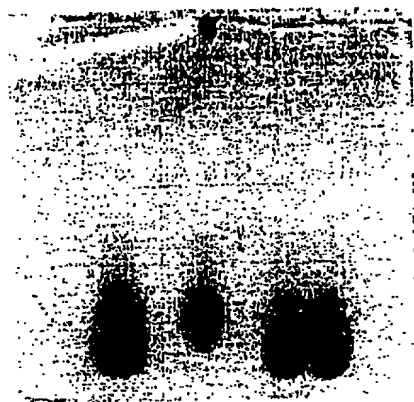


FIG 13



1 2 3 4